

Appendix F: U.S. v. Southern Coal Corporation - Violations

Permittee	NPDES Permit Number	Outfall	Monitoring Date	Parameter Name	Sample Type	Permit Limit	Actual Value
Bluestone Coal Corporation	WV1005944	003	4/30/2015	Aluminum, Total	Monthly Average	0.43	2.95
Bluestone Coal Corporation	WV1005944	003	4/30/2015	Iron	Monthly Average	3	4.09
Bluestone Coal Corporation	WV1005944	003	4/30/2015	TSS	Daily Maximum	70	85.00
Bluestone Coal Corporation	WV1005944	003	4/30/2015	TSS	Monthly Average	35	85.00
Bluestone Coal Corporation	WV1005995	001	2/28/2011	Aluminum, Total	Daily Maximum	0.75	0.96
Bluestone Coal Corporation	WV1005995	001	2/28/2011	Aluminum, Total	Monthly Average	0.43	0.53
Bluestone Coal Corporation	WV1005995	001	3/31/2011	Aluminum, Total	Daily Maximum	0.75	7.41
Bluestone Coal Corporation	WV1005995	001	3/31/2011	Aluminum, Total	Monthly Average	0.43	3.77
Bluestone Coal Corporation	WV1005995	001	3/31/2011	Iron	Daily Maximum	2.46	4.34
Bluestone Coal Corporation	WV1005995	001	3/31/2011	Iron	Monthly Average	1.42	2.29
Bluestone Coal Corporation	WV1005995	001	3/31/2011	TSS	Daily Maximum	70	98.00
Bluestone Coal Corporation	WV1005995	001	3/31/2011	TSS	Monthly Average	35	51.00
Bluestone Coal Corporation	WV1005995	001	7/31/2011	Aluminum, Total	Monthly Average	0.43	0.45
Bluestone Coal Corporation	WV1005995	001	10/31/2011	Aluminum, Total	Daily Maximum	0.75	1.07
Bluestone Coal Corporation	WV1005995	001	10/31/2011	Aluminum, Total	Monthly Average	0.43	0.71
Bluestone Coal Corporation	WV1005995	001	4/30/2012	Aluminum, Total	Daily Maximum	0.75	1.53
Bluestone Coal Corporation	WV1005995	001	4/30/2012	Aluminum, Total	Monthly Average	0.43	0.86
Bluestone Coal Corporation	WV1005995	001	7/31/2012	Aluminum, Total	Daily Maximum	0.75	1.06
Bluestone Coal Corporation	WV1005995	001	7/31/2012	Aluminum, Total	Monthly Average	0.43	0.62
Bluestone Coal Corporation	WV1005995	001	5/31/2013	Aluminum, Total	Daily Maximum	0.75	2.36
Bluestone Coal Corporation	WV1005995	001	5/31/2013	Aluminum, Total	Monthly Average	0.43	0.53
Bluestone Coal Corporation	WV1005995	001	5/31/2013	Aluminum, Total	Monthly Average	0.43	1.26
Bluestone Coal Corporation	WV1006304	001	4/30/2012	Aluminum, Total	Daily Maximum	0.75	0.821
Bluestone Coal Corporation	WV1006304	001	4/30/2012	Aluminum, Total	Monthly Average	0.43	0.468
Bluestone Coal Corporation	WV1006304	001	12/31/2012	Aluminum, Total	Daily Maximum	0.75	1.05
Bluestone Coal Corporation	WV1006304	001	12/31/2012	Aluminum, Total	Monthly Average	0.43	0.641
Bluestone Coal Corporation	WV1006304	001	2/28/2013	Aluminum, Total	Daily Maximum	0.75	2.16
Bluestone Coal Corporation	WV1006304	001	2/28/2013	Aluminum, Total	Monthly Average	0.43	1.17
Bluestone Coal Corporation	WV1006304	001	3/31/2013	Aluminum, Total	Daily Maximum	0.75	1.56
Bluestone Coal Corporation	WV1006304	001	3/31/2013	Aluminum, Total	Monthly Average	0.43	1.01
Bluestone Coal Corporation	WV1006304	001	4/30/2013	Aluminum, Total	Daily Maximum	0.75	1.5
Bluestone Coal Corporation	WV1006304	001	4/30/2013	Aluminum, Total	Monthly Average	0.43	0.544
Bluestone Coal Corporation	WV1006304	001	1/31/2015	pH	Daily Maximum	9	9.45
Bluestone Coal Corporation	WV1006304	001	6/30/2015	Aluminum, Total	Daily Maximum	0.75	7.08
Bluestone Coal Corporation	WV1006304	001	6/30/2015	Aluminum, Total	Monthly Average	0.43	2.46
Bluestone Coal Corporation	WV1006304	002	4/30/2011	Aluminum, Total	Daily Maximum	0.75	1.77
Bluestone Coal Corporation	WV1006304	002	4/30/2011	Aluminum, Total	Monthly Average	0.43	1.11
Bluestone Coal Corporation	WV1006304	002	4/30/2011	TSS	Monthly Average	35	40
Bluestone Coal Corporation	WV1006304	002	5/31/2011	Aluminum, Total	Monthly Average	0.43	0.467
Bluestone Coal Corporation	WV1006304	002	6/30/2011	Aluminum, Total	Daily Maximum	0.75	1.52
Bluestone Coal Corporation	WV1006304	002	6/30/2011	Aluminum, Total	Monthly Average	0.43	0.842
Bluestone Coal Corporation	WV1006304	002	6/30/2011	TSS	Daily Maximum	70	83
Bluestone Coal Corporation	WV1006304	002	6/30/2011	TSS	Monthly Average	35	44.5
Bluestone Coal Corporation	WV1006304	002	7/31/2011	Aluminum, Total	Daily Maximum	0.75	0.926
Bluestone Coal Corporation	WV1006304	002	7/31/2011	Aluminum, Total	Monthly Average	0.43	0.64

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Bluestone Coal Corporation	WV1006304	002	7/31/2011	TSS	Monthly Average	35	40
Bluestone Coal Corporation	WV1006304	002	12/31/2011	Aluminum, Total	Daily Maximum	0.75	1.18
Bluestone Coal Corporation	WV1006304	002	12/31/2011	Aluminum, Total	Monthly Average	0.43	0.628
Bluestone Coal Corporation	WV1006304	002	12/31/2011	TSS	Monthly Average	35	35.3
Bluestone Coal Corporation	WV1006304	002	1/31/2012	Aluminum, Total	Daily Maximum	0.75	2
Bluestone Coal Corporation	WV1006304	002	1/31/2012	Aluminum, Total	Monthly Average	0.43	0.694
Bluestone Coal Corporation	WV1006304	002	2/28/2013	Aluminum, Total	Monthly Average	0.43	0.597
Bluestone Coal Corporation	WV1006304	002	3/31/2013	Aluminum, Total	Daily Maximum	0.75	3.66
Bluestone Coal Corporation	WV1006304	002	3/31/2013	Aluminum, Total	Monthly Average	0.43	2.13
Bluestone Coal Corporation	WV1006304	002	3/31/2013	Iron	Daily Maximum	2.46	6.78
Bluestone Coal Corporation	WV1006304	002	3/31/2013	Iron	Monthly Average	1.42	3.27
Bluestone Coal Corporation	WV1006304	002	3/31/2013	TSS	Daily Maximum	70	1230
Bluestone Coal Corporation	WV1006304	002	3/31/2013	TSS	Monthly Average	35	473
Bluestone Coal Corporation	WV1006304	002	5/31/2013	Aluminum, Total	Daily Maximum	0.75	2.01
Bluestone Coal Corporation	WV1006304	002	5/31/2013	Aluminum, Total	Monthly Average	0.43	1.05
Bluestone Coal Corporation	WV1006304	002	5/31/2013	TSS	Daily Maximum	70	150
Bluestone Coal Corporation	WV1006304	002	5/31/2013	TSS	Monthly Average	35	49.2
Bluestone Coal Corporation	WV1006304	002	11/30/2013	Aluminum, Total	Daily Maximum	0.75	0.91
Bluestone Coal Corporation	WV1006304	002	6/30/2014	Aluminum, Total	Daily Maximum	0.75	0.792
Bluestone Coal Corporation	WV1006304	002	6/30/2014	Aluminum, Total	Monthly Average	0.43	0.552
Bluestone Coal Corporation	WV1006304	002	1/31/2015	pH	Daily Maximum	9	9.43
Bluestone Coal Corporation	WV1006304	002	2/28/2015	Aluminum, Total	Monthly Average	0.43	0.488
Bluestone Coal Corporation	WV1006304	002	3/31/2015	Aluminum, Total	Daily Maximum	0.75	2.5
Bluestone Coal Corporation	WV1006304	002	3/31/2015	Aluminum, Total	Monthly Average	0.43	2.46
Bluestone Coal Corporation	WV1006304	002	3/31/2015	Iron	Monthly Average	1.42	1.73
Bluestone Coal Corporation	WV1006304	002	4/30/2015	Aluminum, Total	Daily Maximum	0.75	0.941
Bluestone Coal Corporation	WV1006304	002	4/30/2015	Aluminum, Total	Monthly Average	0.43	0.528
Bluestone Coal Corporation	WV1006304	002	6/30/2015	Aluminum, Total	Daily Maximum	0.75	10.9
Bluestone Coal Corporation	WV1006304	002	6/30/2015	Aluminum, Total	Monthly Average	0.43	3.67
Bluestone Coal Corporation	WV1006304	003	6/30/2011	Aluminum, Total	Monthly Average	0.43	0.485
Bluestone Coal Corporation	WV1006304	003	3/31/2013	Aluminum, Total	Monthly Average	0.43	0.475
Bluestone Coal Corporation	WV1006304	003	1/31/2015	pH	Daily Maximum	9	9.7
Bluestone Coal Corporation	WV1006304	003	3/31/2015	Selenium	Monthly Average	4.7	4.71
Bluestone Coal Corporation	WV1006304	003	6/30/2015	Aluminum, Total	Daily Maximum	0.75	2.59
Bluestone Coal Corporation	WV1006304	003	6/30/2015	Aluminum, Total	Monthly Average	0.43	0.845
Bluestone Coal Corporation	WV1006304	004	4/30/2013	Aluminum, Total	Daily Maximum	0.75	0.775
Bluestone Coal Corporation	WV1006304	005	5/31/2013	Aluminum, Total	Daily Maximum	0.75	0.874
Bluestone Coal Corporation	WV1006304	005	5/31/2013	Aluminum, Total	Monthly Average	0.43	0.485
Bluestone Coal Corporation	WV1006304	005	1/31/2015	pH	Daily Maximum	9	9.47
Bluestone Coal Corporation	WV1006304	005	2/28/2015	Aluminum, Total	Daily Maximum	0.75	1.84
Bluestone Coal Corporation	WV1006304	005	2/28/2015	Aluminum, Total	Monthly Average	0.43	1.01
Bluestone Coal Corporation	WV1006304	005	2/28/2015	Iron	Daily Maximum	2.46	2.6
Bluestone Coal Corporation	WV1006304	005	2/28/2015	Iron	Monthly Average	1.42	1.43
Bluestone Coal Corporation	WV1006304	005	3/31/2015	Aluminum, Total	Daily Maximum	0.75	0.845
Bluestone Coal Corporation	WV1006304	005	3/31/2015	Aluminum, Total	Monthly Average	0.43	0.447

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Bluestone Coal Corporation	WV1006304	006	12/31/2011	Aluminum, Total	Daily Maximum	0.75	1.49
Bluestone Coal Corporation	WV1006304	006	12/31/2011	Aluminum, Total	Monthly Average	0.43	0.793
Bluestone Coal Corporation	WV1006304	006	12/31/2011	TSS	Daily Maximum	70	88
Bluestone Coal Corporation	WV1006304	006	12/31/2011	TSS	Monthly Average	35	36.7
Bluestone Coal Corporation	WV1006304	006	4/30/2012	Aluminum, Total	Daily Maximum	0.75	1.1
Bluestone Coal Corporation	WV1006304	006	4/30/2012	Aluminum, Total	Monthly Average	0.43	0.676
Bluestone Coal Corporation	WV1006304	006	11/30/2012	Aluminum, Total	Monthly Average	0.43	0.486
Bluestone Coal Corporation	WV1006304	006	1/31/2015	pH	Daily Maximum	9	9.11
Bluestone Coal Corporation	WV1006304	007	4/30/2011	Aluminum, Total	Daily Maximum	0.75	1.09
Bluestone Coal Corporation	WV1006304	007	4/30/2011	Aluminum, Total	Monthly Average	0.43	1.09
Bluestone Coal Corporation	WV1006304	007	5/31/2011	Aluminum, Total	Daily Maximum	0.75	1.24
Bluestone Coal Corporation	WV1006304	007	5/31/2011	Aluminum, Total	Monthly Average	0.43	0.775
Bluestone Coal Corporation	WV1006304	007	12/31/2011	Aluminum, Total	Daily Maximum	0.75	0.763
Bluestone Coal Corporation	WV1006304	007	12/31/2011	Aluminum, Total	Monthly Average	0.43	0.719
Bluestone Coal Corporation	WV1006304	007	4/30/2012	Aluminum, Total	Daily Maximum	0.75	0.929
Bluestone Coal Corporation	WV1006304	007	4/30/2012	Aluminum, Total	Monthly Average	0.43	0.554
Bluestone Coal Corporation	WV1006304	007	7/31/2012	Aluminum, Total	Daily Maximum	0.75	1.19
Bluestone Coal Corporation	WV1006304	007	7/31/2012	Aluminum, Total	Monthly Average	0.43	0.792
Bluestone Coal Corporation	WV1006304	007	8/31/2012	Aluminum, Total	Daily Maximum	0.75	1.12
Bluestone Coal Corporation	WV1006304	007	8/31/2012	Aluminum, Total	Monthly Average	0.43	0.804
Bluestone Coal Corporation	WV1006304	007	9/30/2012	Aluminum, Total	Daily Maximum	0.75	1.07
Bluestone Coal Corporation	WV1006304	007	9/30/2012	Aluminum, Total	Monthly Average	0.43	0.693
Bluestone Coal Corporation	WV1006304	007	1/31/2013	Aluminum, Total	Daily Maximum	0.75	1.03
Bluestone Coal Corporation	WV1006304	007	1/31/2013	Aluminum, Total	Monthly Average	0.43	0.815
Bluestone Coal Corporation	WV1006304	007	3/31/2013	Aluminum, Total	Daily Maximum	0.75	1.14
Bluestone Coal Corporation	WV1006304	007	3/31/2013	Aluminum, Total	Monthly Average	0.43	0.699
Bluestone Coal Corporation	WV1006304	007	1/31/2015	pH	Daily Maximum	9	9.52
Bluestone Coal Corporation	WV1006304	007	5/31/2015	Aluminum, Total	Daily Maximum	0.75	0.902
Bluestone Coal Corporation	WV1006304	007	5/31/2015	Aluminum, Total	Monthly Average	0.43	0.537
Bluestone Coal Corporation	WV1006304	008	5/31/2011	Aluminum, Total	Daily Maximum	0.75	0.998
Bluestone Coal Corporation	WV1006304	008	5/31/2011	Aluminum, Total	Monthly Average	0.43	0.593
Bluestone Coal Corporation	WV1006304	008	12/31/2011	Aluminum, Total	Daily Maximum	0.75	1.59
Bluestone Coal Corporation	WV1006304	008	12/31/2011	Aluminum, Total	Monthly Average	0.43	0.452
Bluestone Coal Corporation	WV1006304	020	7/31/2011	Aluminum, Total	Monthly Average	0.43	0.475
Bluestone Coal Corporation	WV1006304	046	3/31/2015	Selenium	Monthly Average	4.7	6.26
Bluestone Coal Corporation	WV1006347	001	10/31/2010	Manganese	Monthly Average	1	1.36
Bluestone Coal Corporation	WV1006347	001	2/28/2011	Aluminum, Total	Daily Maximum	0.75	1.01
Bluestone Coal Corporation	WV1006347	001	2/28/2011	Aluminum, Total	Monthly Average	0.43	0.555
Bluestone Coal Corporation	WV1006347	001	3/31/2011	Aluminum, Total	Daily Maximum	0.75	6.16
Bluestone Coal Corporation	WV1006347	001	3/31/2011	Aluminum, Total	Monthly Average	0.43	3.18
Bluestone Coal Corporation	WV1006347	001	3/31/2011	Iron	Daily Maximum	2.46	3.76
Bluestone Coal Corporation	WV1006347	001	3/31/2011	Iron	Monthly Average	1.42	2.015
Bluestone Coal Corporation	WV1006347	001	3/31/2011	TSS	Daily Maximum	70	95
Bluestone Coal Corporation	WV1006347	001	3/31/2011	TSS	Monthly Average	35	50
Bluestone Coal Corporation	WV1006347	001	7/31/2011	Aluminum, Total	Monthly Average	0.43	0.55